

Mr. William Y. Ellis Chief, Department of Chemical Information Division of Experimental Therapeutics Walter Reed Army Institute of Research Washington, DC 20307-5100 August 13, 1999

Dear Sir:

This letter reports our findings on the determination of squalene in one vial anthrax vaccine adsorbed product.

One vial (unit) of Anthrax Vaccine Adsorbed™, manufactured by Michigan Biologic Products Institute, Lansing, MI 48909, US License No. 99, Lot No. FAV 038, expiration date:15 January 2000, was received 16 July 1999.

We have assayed for squalene in the above vial of anthrax vaccine adsorbed. No squalene was detected. The limit of detection is 70 nanogm squalene/0.5 mL of vaccine product, which volume is the label dose.

We will prepare and submit our final report as soon as the study is completed.

Sincerely yours,

Peter Lim, Ph.D.

Principal Investigator

Catalysis and Anal. Chem. Dept.

Pure and Applied Phys. Chem. Div.

Ronald J. Spanggord. Ph.D.

Assistant Principal Investigator

Catalysis and Anal. Chem. Dept.

Pyre and Applied Phys. Chem. Div.